

**Method and System for Myocardial Infarct Repair**

Abstract of the Disclosure

An implantable system is provided that includes: a cell repopulation  
source comprising genetic material, undifferentiated and/or differentiated contractile  
cells, or a combination thereof capable of forming new contractile tissue in and/or  
near an infarct zone of a patient's myocardium; and an electrical stimulation device  
for electrically stimulating the new contractile tissue in and/or near the infarct zone of  
the patient's myocardium or otherwise damaged or diseased myocardial tissue.